

System specifications 1/2

MR26 – Siemens Aera – Trailer

SYSTEM INFORMATION	
Manufacturer and model	Siemens Magnetom Aera 1.5T TiM + DOT system
Year of manufacture	2019
Gradient type	XJ Gradients
No. of channels	24
MAGNET INFORMATION	
Field strength	1.5T
Frequency	80 MHz
Magnet bore diameter	70 cm.
GRADIENT INFORMATION	
Max. amplitude (Each axis)	33 mT/m, per axis, i.e. 57 mT/m vector
Max. slew rate (Each axis)	125 T/m/s per axis, i.e. 216 T/m/s vector
Max. FOV with max. amplitude	Max. amplitude 33mT/m
RESOLUTION PARAMETERS	
Max. FOV	50 cm.
Min. FOV	0,5 cm.
Max. scan matrix	1024
Max. recon matrix	1024
Min. Slice thickness 2D/3D	0,1 mm/0,05 mm
Highest in-plane resolution	50 × 50 × 45 cm ³ DEV, typ. 3.1 ppm based on the 24-plane
PATIENT TABLE INFORMATION	
Max. table load	250 kg.
Horizontal travel	261 cm.
Table scan range	140 cm.
Min. table height	52 cm.
Positioning pads incl.?	Yes

System specifications 2/2

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CONSOLE AND WORKSTATION(S)	
Console computer	Syngo Acquisition Workplace
Storage capacity	Three hard disks System SW ≥ 300 GB SAS Data base ≥ 300 GB SAS Images ≥ 300 GB SAS
Console software version	Syngo MRE11C
Console software packages	Advanced Diffusion T+D, SWI, Advanced WARP T+D, Inline Composing syngo, Tim Planning Suite, Composing syngo, Quiet Suite T+D, Turbo Suite Essential, Teamplay Basic
INJECTOR SYSTEM	
Manufacturer and model	Medrad Spectris Solaris EP
Model no.	58746812
COILS	
Coils	Flex Large 4ch. Flex Small 4ch. Body 6ch. long Shoulder Large 16ch. Shoulder Small 16ch. Hand/Wrist 16ch. Tx/Rx Knee 15ch. Flare Foot/Ankle 16ch. Spine 24ch. Head/Neck 16ch.